City of Sumner

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." in addition, complete the supplemental sheet for nonproject actions (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

SEPA Rev1 2/4 PLN 2015 0044

A. Background

1. Name of proposed project, if applicable:

Sumner Pump Station Upgrades:
Cherry Street Pump Station No. 7 and Forcemain Upgrades
Mountain Circle Drive Pump Station No. 8
Parker Road Pump Station No. 5

2. Name of applicant:

City of Sumner Public Works

3. Address and phone number of applicant and contact person:

Ted Hill
City of Sumner
1104 Maple Street, Suite 260
Sumner, WA 98390
253-299-5703
tedh@ci.sumner.wa.us

4. Date checklist prepared:

February 11, 2015

5. Agency requesting checklist:

City of Sumner

6. Proposed timing or schedule (including phasing, if applicable):

Project is estimated to take place summer 2015.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

No additions, expansion, or further activities related to this proposal are known at this time.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

Cherry Street Pump Station & Force Main Upgrades Habitat Management Plan (November 2014)
Cultural Resources Survey

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

None are known to be pending.

10. List any government approvals or permits that will be needed for your proposal, if known.

NPDES permit
City of Sumner environmental review: SEPA, Shorelines (Cherry Street only)

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The project proposes to upgrade existing pump stations at three locations within the City of Sumner.

The Cherry Street Pump Station No. 7 and Force Main Upgrades is adjacent to and south of SR410, at Cherry Street. The existing structure's subgrade dry well will be abandoned. The wet well inlet/outlet will be reconfigured, and a new 12-foot diameter wet well submersible pump station will be constructed. The forcemain leading to the waste water treatment plant located at the junction of the Puyallup and White Rivers will be upgraded to a 10-inch diameter line (approximately 3,150 linear feet). The pipe will be horizontally bored where it crosses the BNSF tracks and E Main Avenue.

The work at Mountain Circle Drive Pump Station No. 8 proposes to upgrade an existing pump station located at the end of Mountain Circle Drive, near the BNSF crossing over SR410. The new pump station will be slightly relocated but will be adjacent to the existing one. Capacity will be upsized to 1,500 gallons per minute (gpm) to accommodate future peak flows associated with future growth and development in the area. The improvements will include a duplex submersible pump station house in below-grade structures with an above-grade panel in a traffic control enclosure.

The Parker Road Pump Station No. 5 upgrades will construct a new pump station approximately 250 feet north-east of the existing Parker Road pump station. The new pump station will be upgraded to 1,500 gpm to accommodate future peak flows associated with future growth and development in the area. The improvements will include a duplex submersible pump station house in below-grade structures with an above-grade panel in a traffic control enclosure and generator. The project will also include a new 10" force main that will connect with existing force main at Main Street and frontage improvements along Parker Road and 59th Street Court East such as curb and gutter, planter strip, sidewalk, and landscaping.

The new pump station is needed as the existing one has limited capacity and the potential to surcharge portions of the collection system. This could lead to leaks of raw sewage daylighting to surface streets. The pump station is outdated, aged, and its wet well volumes and pumps are too small. The electrical and instrumentation and control are not to code.

These locations will herein be referred to as Cherry Street, Mtn. Circle Drive, and Parker Road.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The Cherry Street work is located between the Puyallup River and SR410 from Cherry Street to the Waste Water Treatment Plant. It is within Sections 23, 25, and 26 or Township 20 North, Range 04 East.

The Mountain Circle Drive work is located on a residential dead-end street (Mountain Circle Drive) on the southeast side of the BNSF tracks and northeast of SR410. It within Section 25 of Township 20 North, Range 04 East.

The Parker Road work is located on the south side of 59th St Ct E, approximately 120 feet east of the Parker Rd E and 59th St Ct E intersection in the central area of Sumner. It is within the SW quarter of Section 19, Township 20 North, Range 05 East. The existing pump station is located at the northwest corner of the Parker Rd E / Main St E intersection, approximately 250 feet away.

TO BE COMPLETED BY APPLICANT

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (circle one): **Flat**, rolling, hilly, steep slopes, mountainous, other

b. What is the steepest slope on the site (approximate percent slope)?

The Cherry Street site located at the top of the bank of the Puyallup River. The forcemain will be installed along generally flat terrain.

The Mtn. Circle Drive and Parker Road sites are generally flat. Grades are approximately 2%.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

According to the Natural Resources Conservation Service (NRCS) web soil survey, soils in the Cherry Street vicinity consist of Pilchuck fine sand and Puyallup fine sandy loam. Though portions of the mapped soil areas are classified as "prime farmland" or "prime farmland if protected from flooding," there are no actively used farmlands within or immediately adjacent to the project corridor as it is within a narrow strip of land between the river and a major highway. Soils are further identified from a geotechnical investigation as deep coarse alluvium, non-fibrous peat, and silt at this site.

Soils at Mtn. Circle Drive consist of Puyallup fine sandy loam, which is rated as prime farmlands however, the area is not currently used as farmland.

Soils at Parker Road consist of Sultan silt loam. Sultan silt loam soils are rated as prime farmlands however, the area is not currently used as farmland.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

There are no known unstable soils in the project vicinities. There are steep slopes leading down to the Puyallup River at the Cherry Street site but the area is not mapped on the City's Landslide & Erosion Hazard Area map. It is within a seismic hazard area.

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

There will be no net fill as a result of this project. There may be up to 10 CY of net fill for pump station upgrades at Cherry Street (outside of floodplain). There will be no net fill at the other two sites.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Short term erosion may occur during construction since clearing and excavation will occur.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

This project will not result in a significant amount of new impervious surfaces. There will be small amounts for the wet well, valve and meter vault, and associated electrical equipment pads.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Standard erosion control BMPs will be installed prior to construction and regularly inspected throughout. These BMPs include, but are not limited to: silt fencing, high visibility fencing, check dams, erosion control blankets, and hydroseeding.

Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

The project may result in short term increased emissions from construction equipment, vehicles, and dust during construction. It will not result in any long term increases in air emissions.

b. Are there any off–site sources of emissions or odor that may affect your proposal? If so, generally describe.

No.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

During construction, measures will be taken to limit the amount of idling time of construction equipment and vehicles. Dust will be minimized by spraying exposed soil with water, if necessary.

3. **Water**

a. Surface:

1) Is there any surface water body on or in the immediate vicinity of the site (including year–round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

The Cherry Street site is located approximately 100 feet north of the Puyallup River. There are no waterbodies within the project limits. The Puyallup River drains to Commencement Bay. There are no wetlands within project limits.

There are no water bodies within or near the other two sites.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Work will occur adjacent to (within 200 feet of) the Puyallup River for Cherry Street but there will be no in-water or over-water work. There will be no work over, in, or adjacent to any water bodies at the other two sites.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

No fill or dredge material will be placed in or removed from surface water or wetlands.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No.

5) Does the proposal lie within a 100–year floodplain? If so, note location on the site plan.

Portions of the Cherry Street work is within the 100 year floodplain of the Puyallup River. The other sites are not within a 100-year floodplain.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No waste material will be discharged to surface waters.

b. Ground:

1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

No groundwater will be withdrawn or discharged.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

No waste material will be discharged into the ground.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

N/A. There will be no runoff resulting from this project. Construction will occur during the dry season to minimize stormwater received on site.

2) Could waste materials enter ground or surface waters? If so, generally describe.

Waste materials are not anticipated to enter any waters. This project will reduce the potential for sewage leaks that could occur from the existing aged, outdated and undersized pump station.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

To reduce or avoid impacts to surface, ground, and runoff water impacts, the project will incorporate the following measures at the minimum:

- **Preparation and implementation of an approved Temporary Erosion and Sediment Control (TESC) plan**
- **Erosion control BMPs (silt fence, straw wattle, straw mulch, plastic covering, seeding, check dams, etc.)**
- **Check equipment daily for leaks**
- **Proper containment of any concrete, petroleum, or other potentially hazardous substances**
- **Conduct refueling operations at least 50 feet from any open water body**
- **Preparation of a Spill Prevention, Pollution, and Countermeasures (SPCC) plan for procedures and contacts to act upon in the event of a spill**

4. **Plants**

a. Check or circle types of vegetation found on the site:

deciduous tree: **alder, maple, cottonwood,** aspen, other
evergreen tree: fir, cedar, pine, other
shrubs
grass
pasture
crop or grain
wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
water plants: water lily, eelgrass, milfoil, other
other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

Up to 30 deciduous trees (cottonwood and alder) will be removed for the pipeline corridor at the Cherry Street Site. Approximately 1 acre of grass and shrub vegetation will be cleared for the pump station and forcemain upgrades. Removed trees will be replaced with native conifer trees at a 3:1 ratio within the shoreline.

Approximately 2000 SF of grass and shrub vegetation will be cleared for the Mtn. Circle Drive pump station. Two trees within existing right-of-way will be removed as a result of this work.

Approximately 2000 SF of grass and shrub vegetation will be cleared for the Parker Road pump station. No trees will be removed as a result of this work.

c. List threatened or endangered species known to be on or near the site.

No threatened or endangered plant species are known to be on or near the site.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Existing vegetation will be preserved to the maximum extent possible. Clearing limits will be marked with high visibility fence prior to construction. At Cherry Street, the trees to be removed will be utilized as large woody debris, if suitable. Unimproved disturbed areas will be seeded and replanted with native vegetation. Removed trees will be replaced with native conifers at a ratio of 3:1.

At Parker Road, frontage road improvements will include installation of a planter strip and landscaping.

All disturbed areas will be restored and seeded upon completion.

5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: **hawk, heron,** eagle, **songbirds,** other:
mammals: deer, bear, elk, beaver, other: **skunk, opossum, squirrel,**
fish: bass, **salmon, trout,** herring, shellfish, other:

b. List any threatened or endangered species known to be on or near the site.

Endangered Species Act listed species with the potential to be present in the Puyallup River adjacent to the Cherry Street site include bull trout, Chinook salmon, and steelhead trout.

There is no suitable habitat on or adjacent to the other two sites.

c. Is the site part of a migration route? If so, explain.

The site may be part of the Pacific Flyway Route. The Puyallup River also provides migratory habitat for salmonid species.

d. Proposed measures to preserve or enhance wildlife, if any:

Listed BMPs above will avoid or minimize any impacts to habitat for wildlife. At Cherry Street, all disturbed areas will be restored with planting native vegetation or seeded. All disturbed areas will be seeded or landscaped at the other sites.

6. **Energy and natural resources**

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Electricity will meet the needs of the project. There will be back up diesel generators.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

The proposal will not affect the potential use of solar energy.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

None.

7. **Environmental health**

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste that could occur as a result of this proposal? If so, describe.

No environmental health hazards are anticipated. This project will significantly reduce the risk for sewage spills that could occur from leaving the existing outdated and undersized pump station in place.

1) Describe special emergency services that might be required.

No additional emergency services will be required. The SPCC plan will have necessary contact information and procedures in the event of a spill. Spill containment kits will be available on site at all times.

2) Proposed measures to reduce or control environmental health hazards, if any:

Spill cleanup kits and containment materials will be on site at all times. All waste materials will be fully contained and disposed of offsite in accordance with federal, state, and local laws. No equipment will operate in the water.

b. **Noise**

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

Traffic noise is the main source of noise within the project area. SR 410 is located immediately north of the Cherry Street site and south of the Mtn. Circle Drive site. Noise will not affect the project.

2) What types and levels of noise would be created by or associated with the project on a short–term or a long–term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

There will be short term increased noise from construction noise. Construction will occur during normal business hours. The project will not result in any long term increases in noise.

3) Proposed measures to reduce or control noise impacts, if any:

For short term noise, construction will be limited to be conducted during normal business hours, or as indicated in the Sumner Municipal Code 8.14. All noise generated by project construction activities will comply with applicable City Codes.

8. Land and Shoreline use

a. What is the current use of the site and adjacent properties?

At the Cherry Street site, the area is currently used as a utility corridor for the existing forcemain. There are no obvious structures on site. The corridor will pass through City owned property, private property, BNSF right-of-way, and City right-of-way. Adjacent properties are primarily residential.

The Mtn. Circle Drive location is utilized for the existing pump station. Properties immediately adjacent to the site are residential.

The Parker Road site is not utilized. It consists of a fenced lot overgrown with grasses and fast growing successional shrubs. Adjacent properties are residential and commercial.

b. Has the site been used for agriculture? If so, describe.

Unknown. They are not currently used for agriculture. The nearest areas actively used for agriculture is located on the south side of the Puyallup river. No agricultural areas will be impacted.

c. Describe any structures on the site.

The only structures are the existing pump stations.

d. Will any structures be demolished? If so, what?

No structures will be demolished. The existing pump stations will be filled/abandoned in place.

e. What is the current zoning classification of the site?

The Cherry Street site is currently zoned as low density residential (LDR-12 and LDR-8.5). Mtn. Circle Drive is zoned as Low Density Residential (LDR-6), and Parker Road is zoned as General Commercial (GC).

f. What is the current comprehensive plan designation of the site?

Cherry Street: Low Density Residential 3 and Public-Private Utilities & Facilities.
Mtn. Circle Drive: Low Density Residential 3.
Parker Road: General Commerical.

g. If applicable, what is the current shoreline master program designation of the site?

The Puyallup River adjacent to the Cherry Street location is designated as Urban Conservancy and Shoreline Residential. The other sites are not within shoreline jurisdiction.

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

The Cherry Street portion of the project is within the shoreline and buffer of the Puyallup River.

The other locations are not within environmentally sensitive areas.

i. Approximately how many people would reside or work in the completed project?

N/A

j. Approximately how many people would the completed project displace?

N/A. None.

k. Proposed measures to avoid or reduce displacement impacts, if any:

N/A

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

This project will replace existing utilities and upgrade the components to increase capacity for current and projected growth in the area. It will not change the land use beyond that existing.

9. **Housing**

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low–income housing.

N/A

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low–income housing.

N/A

c. Proposed measures to reduce or control housing impacts, if any:

N/A

10. **Aesthetics**

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

N/A

b. What views in the immediate vicinity would be altered or obstructed?

No views will be altered or obstructed.

c. Proposed measures to reduce or control aesthetic impacts, if any:

The project will completely stabilize and restore unimproved disturbed areas upon completion.

11. **Light and glare**

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

N/A. The project will not produce any light or glare.

b. Could light or glare from the finished project be a safety hazard or interfere with views?

No.

c. What existing off–site sources of light or glare may affect your proposal?

None.

d. Proposed measures to reduce or control light and glare impacts, if any:

None

12. **Recreation**

a. What designated and informal recreational opportunities are in the immediate vicinity?

There are no recreation opportunities available in the immediate vicinity.

b. Would the proposed project displace any existing recreational uses? If so, describe.

No.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

N/A

13. **Historic and cultural preservation**

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

No. There are no properties listed on or proposed for historical registers within the project vicinity.

c. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

None are known to be on or next to the site.

b. Proposed measures to reduce or control impacts, if any:

None.

14. **Transportation**

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

The Cherry Street site consists of a utility corridor and does not have public access. Construction

access will be from the existing waste water treatment plant facility at the west end of project limits and at the existing pump station at the eastern project limits. The existing pump station is accessed via a dirt road off of SR410 directly across the highway from Cherry Street.

The other sites are accessed via Mtn. Circle Drive and Parker Road/59th St Ct E.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

N/A.

c. How many parking spaces would the completed project have? How many would the project eliminate?

The project will not generate or remove any parking spaces.

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

N/A. No new roads will be required. The Parker Road station will involve improvements to the existing road for pump station access. The other sites will not involve any road improvements.

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

The project will not use water, rail, or air transportation. The BNSF railroad track is located within the project corridor for Cherry Street and adjacent to the project site for Mtn. Circle Drive. The forcemain will be horizontally bored under the tracks for Cherry Street.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

N/A.

g. Proposed measures to reduce or control transportation impacts, if any:

N/A. The project will not result in any transportation impacts.

15. **Public services**

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

Increased need for public services are not anticipated. The proposal will require the same public service as existing.

b. Proposed measures to reduce or control direct impacts on public services, if any.

None.

16. **Utilities**

a. Circle utilities currently available at the site: **electricity**, natural gas, **water**, refuse service, **telephone**, **sanitary sewer**, septic system, other.

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

This project will replace existing pump stations and upgrade the associated forcemain.

C. SIGNATURE

I, the undersigned, swear under the penalty of perjury that the above responses are made truthfully and to the best of my knowledge. I also understand that, should there be any willful misrepresentation or willful lack of full disclosure on my part, the agency may withdraw any determination of non-significance that it might issue in reliance upon this checklist.

Signature:

_____

Name:

Date Submitted: